

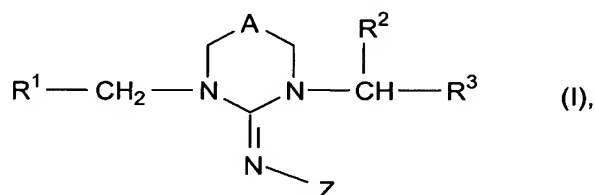
Amendments to the Claims:

This listing of claims will replace all prior versions and listings, of claims in the application.

Listing of Claims:

Claims 1-7 Cancelled.

Claim 8 (Previously Presented) A compound of the formula (I)



in which

R¹ represents a five- or six-membered heterocycle from the group consisting of pyrazolyl, 1,2,4-triazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1,2,5-thiadiazolyl, pyridyl, pyrazinyl and pyrimidinyl which is optionally substituted by one or two, preferably one, substituents from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C₁-C₂-alkyl (which is optionally substituted by fluorine and/or chlorine), C₁-C₂-alkoxy (which is optionally substituted by fluorine and/or chlorine), C₁-C₂-alkylthio (which is optionally substituted by fluorine and/or chlorine), or C₁-C₂-alkylsulfonyl (which is optionally substituted by fluorine and/or chlorine),

R² represents hydrogen or C₁-C₆-alkyl.

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰,

R⁴, R⁵, R⁶ and R¹⁰ independently of one another represent a radical from the group consisting of C₁-C₁₂-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms; C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkylamino-C₁-C₄-alkyl, di(C₁-C₄)-alkylamino-C₁-C₄-alkyl, represent C₃-C₆-cycloalkyl which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl and C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as F, Cl and Br atoms, or represents phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different substituents from the group consisting of halogen atoms, such as fluorine, chlorine and bromine atoms, and nitro,

n represents 0, 1 or 2,

R⁷ and R⁸ independently of one another represent a radical from the group consisting of hydrogen, C₁-C₆-alkyl, C₂-C₄-alkenyl and represent phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

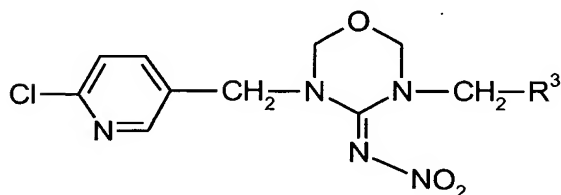
R⁹ represents C₁-C₄-alkyl or represents phenyl which is optionally mono- to trisubstituted by identical or different substituents, possible substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

A represents oxygen, sulfur or represents -NR¹¹,

R¹¹ represents C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkoxy, represents C₅-C₆-cycloalkyl, which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, or represents phenyl-C₁-C₄-alkyl, which is mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, and

Z represents cyano or nitro.

Claim 9. (Currently Amended) ~~The compound of Claim 8 wherein said compound is~~ A novel compound of the formula

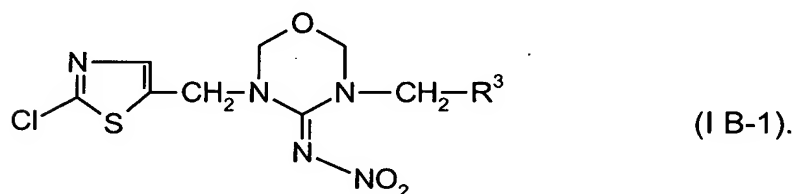


(I A-1).

in which

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰.

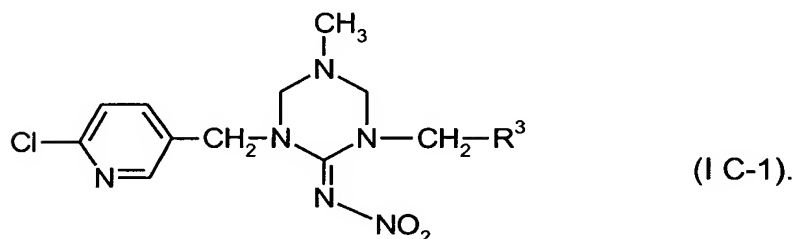
Claim 10. (Currently Amended) ~~The compound of Claim 8 wherein said compound is~~ A novel compound of the formula



in which

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰.

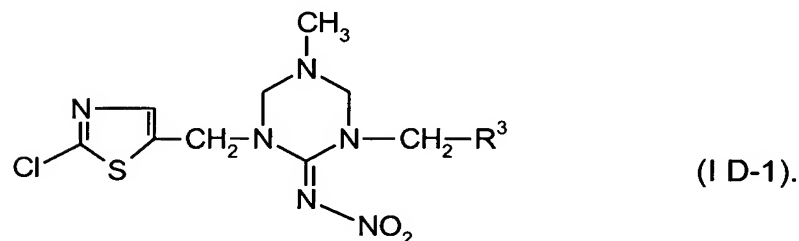
Claim 11. (Currently Amended) ~~The compound of Claim 8 wherein said compound is~~ A novel compound of the formula



in which

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰.

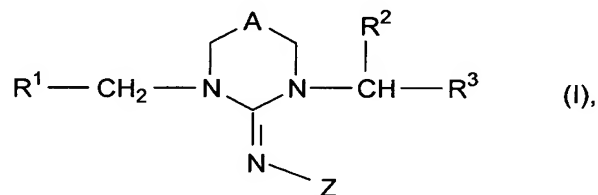
Claim 12 (Currently Amended) ~~The compound of Claim 8 wherein said compound is~~ A novel compound of the formula



in which

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰.

Claim 13. (Previously Presented) A process for preparing a compound of the formula (I)



in which

R¹ represents a five- or six-membered heterocycle from the group consisting of pyrazolyl, 1,2,4-triazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1,2,5-thiadiazolyl, pyridyl, pyrazinyl and pyrimidinyl which is optionally substituted by one or two, preferably one, substituents from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C₁-C₂-alkyl (which is optionally substituted by fluorine and/or chlorine), C₁-C₂-alkoxy (which is optionally substituted by fluorine and/or chlorine), C₁-C₂-alkylthio (which is optionally substituted by fluorine and/or chlorine), or C₁-C₂-alkylsulfonyl (which is optionally substituted by fluorine and/or chlorine),

R² represents hydrogen or C₁-C₆-alkyl.

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰,

R⁴, R⁵, R⁶ and R¹⁰ independently of one another represent a radical from the group consisting of C₁-C₁₂-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms; C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkylamino-C₁-C₄-alkyl, di(C₁-C₄)-alkylamino-C₁-C₄-alkyl, represent C₃-C₆-cycloalkyl which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl and C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as F, Cl and Br atoms, or represents phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different substituents from the group consisting of halogen atoms, such as fluorine, chlorine and bromine atoms, and nitro,

n represents 0, 1 or 2,

R⁷ and R⁸ independently of one another represent a radical from the group consisting of hydrogen, C₁-C₆-alkyl, C₂-C₄-alkenyl and represent phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5

identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

R⁹ represents C₁-C₄-alkyl or represents phenyl which is optionally mono- to trisubstituted by identical or different substituents, possible substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

A represents oxygen, sulfur or represents -NR¹¹,

R¹¹ represents C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkoxy, represents C₅-C₆-cycloalkyl, which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, or represents phenyl-C₁-C₄-alkyl, which is mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, and

Z represents cyano or nitro,

comprising reacting a compound of the formula (II)



R¹, A and Z are as defined above
with a compound of the formula (III)



R² and R³ are as defined above and
X represents halogen,

in the presence of a base and, optionally, in the presence of a diluent.

Claim 14. (Previously Presented) A pesticide comprising at least one compound of the formula (I)



in which

R¹ represents a five- or six-membered heterocycle from the group consisting of pyrazolyl, 1,2,4-triazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1,2,5-thiadiazolyl, pyridyl, pyrazinyl and pyrimidinyl which is optionally substituted by one or two, preferably one, substituents from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C₁-C₂-alkyl (which is optionally substituted by fluorine and/or chlorine), C₁-C₂-alkoxy (which is optionally substituted by fluorine and/or

chlorine), C₁-C₂-alkylthio (which is optionally substituted by fluorine and/or chlorine), or C₁-C₂-alkylsulfonyl (which is optionally substituted by fluorine and/or chlorine),

R² represents hydrogen or C₁-C₆-alkyl.

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰,

R⁴, R⁵, R⁶ and R¹⁰ independently of one another represent a radical from the group consisting of C₁-C₁₂-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms; C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkylamino-C₁-C₄-alkyl, di(C₁-C₄)-alkylamino-C₁-C₄-alkyl, represent C₃-C₆-cycloalkyl which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl and C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as F, Cl and Br atoms, or represents phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different substituents from the group consisting of halogen atoms, such as fluorine, chlorine and bromine atoms, and nitro,

n represents 0, 1 or 2,

R⁷ and R⁸ independently of one another represent a radical from the group consisting of hydrogen, C₁-C₆-alkyl, C₂-C₄-alkenyl and represent

phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

R⁹ represents C₁-C₄-alkyl or represents phenyl which is optionally mono- to trisubstituted by identical or different substituents, possible substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

A represents oxygen, sulfur or represents -NR¹¹,

R¹¹ represents C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkoxy, represents C₅-C₆-cycloalkyl, which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, or represents phenyl-C₁-C₄-alkyl, which is mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, and

R⁴, R⁵, R⁶ and R¹⁰ independently of one another represent a radical from the group consisting of C₁-C₁₂-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms; C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkylamino-C₁-C₄-alkyl, di(C₁-C₄)-alkylamino-C₁-C₄-alkyl, represent C₃-C₆-cycloalkyl which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl and C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as F, Cl and Br atoms, or represents phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different substituents from the group consisting of halogen atoms, such as fluorine, chlorine and bromine atoms, and nitro,

n represents 0, 1 or 2,

R⁷ and R⁸ independently of one another represent a radical from the group consisting of hydrogen, C₁-C₆-alkyl, C₂-C₄-alkenyl and represent phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

R⁹ represents C₁-C₄-alkyl or represents phenyl which is optionally mono- to trisubstituted by identical or different substituents, possible substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-

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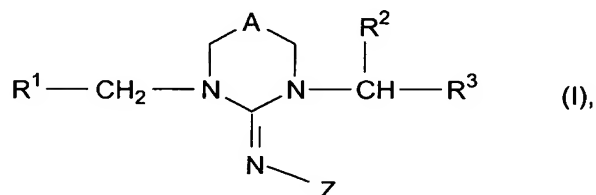
A represents oxygen, sulfur or represents -NR¹¹.

R¹¹ represents C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkoxy, represents C₅-C₆-cycloalkyl, which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, or represents phenyl-C₁-C₄-alkyl, which is mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, and

Z represents cyano or nitro,

to act on ~~pests~~ insects, arachnids and/or nematodes and/or their habitat.

Claim 16. (Previously Presented) A process for preparing a pesticide, comprising the step of mixing a compound of the formula (I)



in which

R¹ represents a five- or six-membered heterocycle from the group consisting of pyrazolyl, 1,2,4-triazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1,2,5-thiadiazolyl, pyridyl, pyrazinyl and pyrimidinyl which is optionally substituted by one or two, preferably one, substituents from the group consisting of fluorine, chlorine, bromine, cyano, nitro, C₁-C₂-alkyl (which is optionally substituted by fluorine and/or chlorine), C₁-C₂-alkoxy (which is optionally substituted by fluorine and/or chlorine), C₁-C₂-alkylthio (which is optionally substituted by fluorine and/or chlorine), or C₁-C₂-alkylsulfonyl (which is optionally substituted by fluorine and/or chlorine),

R² represents hydrogen or C₁-C₆-alkyl.

R³ represents a radical from the group consisting of -OR⁴, -OCOR⁵, -OCOOR⁶, -OCONR⁷R⁸, -OSO₂R⁹ and -S(O)_nR¹⁰,

R⁴, R⁵, R⁶ and R¹⁰ independently of one another represent a radical from the group consisting of C₁-C₁₂-alkyl, C₁-C₄-alkoxy-C₁-C₄-alkyl, C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms; C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkylamino-C₁-C₄-alkyl, di(C₁-C₄)-alkylamino-C₁-C₄-alkyl, represent C₃-C₆-cycloalkyl which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl and C₁-C₄-halogenoalkyl having 1 to 5 identical or different halogen atoms, such as F, Cl and Br atoms, or represents phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy

having in each case 1 to 5 identical or different substituents from the group consisting of halogen atoms, such as fluorine, chlorine and bromine atoms, and nitro,

n represents 0, 1 or 2,

R⁷ and R⁸ independently of one another represent a radical from the group consisting of hydrogen, C₁-C₆-alkyl, C₂-C₄-alkenyl and represent phenyl or benzyl, each of which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents on the phenyl ring being in each case halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

R⁹ represents C₁-C₄-alkyl or represents phenyl which is optionally mono- to trisubstituted by identical or different substituents, possible substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms,

A represents oxygen, sulfur or represents -NR¹¹,

R¹¹ represents C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkinyl, C₁-C₄-alkoxy, represents C₅-C₆-cycloalkyl, which is optionally mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, or represents phenyl-C₁-C₄-alkyl, which is mono- to trisubstituted by identical or different substituents, preferred substituents being halogen, C₁-C₄-

alkyl, C₁-C₄-alkoxy and C₁-C₄-halogenoalkyl and C₁-C₄-halogenoalkoxy having in each case 1 to 5 identical or different halogen atoms, such as fluorine, chlorine and bromine atoms, and

Z represents cyano or nitro,
with one or more extenders and/or surfactants.